

REMARKS

This responds to the Office Action mailed on May 5, 2004. Claims 3, 4, 5, 9, 12, 17, 19, 21, 25, 26 and 28 are amended and claims 1, 2, 15, 16, 23 and 24 are canceled. As a result, claims 3-14, 17-22 and 25-30 are now pending in this application. Reconsideration of the claims is respectfully solicited.

§102 Rejection of the Claims

Claims 1, 2, 15, 16, 23 and 24 were rejected under 35 USC § 102(a) as being anticipated by Rau et al., "Code Generation Scheme for Modulo Scheduled Loop", The 25th Annual Symposium on Microarchitecture, Vol. 23 (1)(2), (December 1992), pp. 158-169. Claims 1, 2, 15, 16, 23 and 24 have all been canceled thereby obviating the rejection.

§103 Rejection of the Claims

Claims 12-14 were rejected under 35 USC § 103(a) as being unpatentable over Rau et al. in view of D'Sa et al. (U.S. 6,151,671). Claims 12-14 have been amended to depend upon an allowed claim thereby obviating this rejection. Reconsideration of claims 12-14 is respectfully solicited.

Allowable Subject Matter

Claims 3-11, 17-22 and 25-30 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 3-14, 17-22 and 25-30 have all been rewritten in either independent form with all the limitations of the base claim and all intervening claims, or to depend upon an allowable claim. Reconsideration of the claims is respectfully solicited.

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 09/819339

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Title: REGISTER ROTATION PREDICTION AND PRECOMPUTATION

Assignee: Intel Corporation

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Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney ((612) 373-6904) to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

HONG WANG ET AL.

By their Representatives,

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 5 day of August, 2004.

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